



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Aldrich et al. Art Unit : 2124
Serial No. : 10/630,517 Examiner : Chat C. Do
Filed : July 29, 2003 Confirmation No. : 7901
 Assignees : Intel Corporation and Analog Devices, Inc.
Title : ADI DSP UNIT FOR MULTI-LEVEL GLOBAL ACCUMULATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 CFR §§3.73(b) AND 1.321(b)

Pursuant to 37 CFR §3.73(b), INTEL CORPORATION and ANALOG DEVICES, INC., certify that they are the assignees of the entire right, title, and interest in the above application by virtue of an assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012972 and Frame 0863 on June 5, 2002. Intel Corporation and Analog Devices, Inc. also certify that they are the assignees of *U.S. Patent No. 6,601,077*. A copy of the recorded assignment is attached for your reference.

The undersigned has reviewed all the documents in the chain of title of the above-identified application and to the best of undersigned's knowledge and belief, title is in Intel Corporation and Analog Devices, Inc.

The undersigned is empowered to act on behalf of the assignees.

Pursuant to 37 CFR §1.321(b), and to obviate a double patenting rejection, the assignees identified above hereby waive and disclaim the terminal portion of the term of the entire patent to be granted upon the above-identified application subsequent to the expiration date of *U.S. Patent No. 6,601,077*, whereby the patent granted on this application and *U.S. Patent No. 6,601,077* will expire on the same day, provided that any patent granted on the above-identified

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June 22, 2004

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Susan Regan

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application shall be enforceable only for and during such period that it is commonly owned with *U.S. Patent No. 6,601,077*.

The assignees identified above do not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration date of the full statutory term of *U.S. Patent No. 6,601,077* in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal title as stated above. Assignees herein do not disclaim or otherwise affect any part of *U.S. Patent No. 6,601,077*.

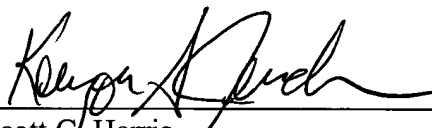
This disclaimer runs with any patent granted on the above application and is binding upon the grantee, its successors or assigns.

Please charge any additional fees, or make any credits, to Deposit Account No. 06-1050, referencing Attorney Docket No. 10559-203002.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: June 22, 2004



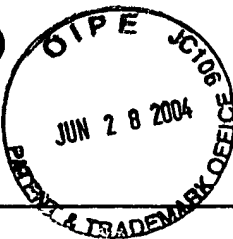
Scott C. Harris
Reg. No. 32,030

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Washington, DC 20231
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SCOTT C. HARRIS
4350 LA JOLLA VILLAGE DRIVE, SUITE 500
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RECORDATION DATE: 06/05/2002

REEL/FRAME: 012972/0863
NUMBER OF PAGES: 4

BRIEF: CORRECTION OF RECORDED ASSIGNMENT

ASSIGNOR:

ALDRICH, BRADLEY C.

DOC DATE: 05/21/2002

ASSIGNOR:

KOLAGOTLA, RAVI

DOC DATE: 05/21/2002

ASSIGNEE:

ANALOG DEVICES, INC.
ONE TECHNOLOGY WAY
P.O. BOX 9106
NORWOOD, MASSACHUSETTS 02062-9106

ASSIGNEE:

INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09541148
PATENT NUMBER:

FILING DATE: 03/31/2000
ISSUE DATE:

*No Docketing
Required*

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TO INTEL

012972/0863 PAGE 2

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6/5/02

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Bradley C. Aldrich and Ravi Kolagotla

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Analog Devices, Inc.
One Technology Way
P.O. Box 9106
Norwood, Massachusetts 02062-9106
and
Intel Corporation
2200 Mission College Boulevard
Santa Clara, CA 95052

3. Nature of conveyance:

- ☐ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☒ Other: Correction of Recorded Assignment

Execution Date: 5/21/2002

Additional names/addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s):

09/541,148

B: Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

SCOTT C. HARRIS
Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, California 92122

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

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Client's Ref. No.: P8466

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1. Name of conveying party(ies): Bradley C. Aldrich Ravi Kolagotla Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): INTEL CORPORATION 2200 Mission College Boulevard Santa Clara, CA 95052 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 08/14/00 and 08/14/00 Respectively	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/541,148 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: SCOTT C. HARRIS Fish & Richardson P.C. Customer Number: 20985 4350 La Jolla Village Drive, Suite 500 San Diego, CA 92122	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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R. P. Ippolito

Roxanne Ippolito
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ASSIGNMENT

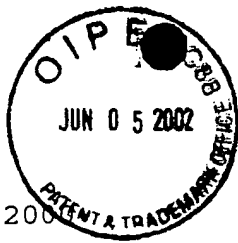
For valuable consideration, we, BRADLEY C. ALDRICH of Austin, TX, RAVI KOLAGOTLA of Austin, TX, hereby assign to INTEL CORPORATION, a Delaware corporation having a place of business at: 2200 Mission College Boulevard, Santa Clara, CA 95052 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DSP UNIT FOR MULTI-LEVEL GLOBAL ACCUMULATION, filed March 31, 2000, and assigned U.S. Serial Number 09/541,148, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 8/14/00BRADLEY C. ALDRICHDate: 8/14/00RAVI KOLAGOTLA

ANALOG DEVICES, INC., a corporation having a place of business at One Technology Way, P. O. Box 9106, Norwood, MA 02062-9106, and

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05/21/02Ravi Kolagotla
5/21/02



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RECORDATION DATE: 08/22/2000

REEL/FRAME: 011107/0977
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ALDRICH, BRADLEY C.

DOC DATE: 08/14/2000

ASSIGNOR:

KOLAGOTLA, RAVI

DOC DATE: 08/14/2000

ASSIGNEE:

INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09541148
PATENT NUMBER:

FILING DATE: 03/31/2000
ISSUE DATE:

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No Docketing Required
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ASSIGNMENT

For valuable consideration, we, BRADLEY C. ALDRICH of Austin, TX, RAVI KOLAGOTLA of Austin, TX, hereby assign to INTEL CORPORATION, a Delaware corporation having a place of business at: 2200 Mission College Boulevard, Santa Clara, CA 95052 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DSP UNIT FOR MULTI-LEVEL GLOBAL ACCUMULATION, filed March 31, 2000, and assigned U.S. Serial Number 09/541,148, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known: this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:

8/14/00

BRADLEY C. ALDRICH

Date:

8/14/00

RAVI KOLAGOTLA